

Form PTO-1449

Docket Number 391442001122

Application Number 09/743,561

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Applicant

BRIDGER et al.

Filing Date January 8, 2001

Group Art Unit To Be Assigned 1624

Mailing Date October 17, 2001

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
BC	1.	06/1991	5,021,409	Murrer et al.	514	183	
BC	2.	12/1996	5,583,131	Bridger et al.	514	183	
BC	3.	12/1997	5,698,546	Bridger et al.	514	183	
BC	4.	10/1998	5,817,807	Bridger et al.	<del>514</del> 540	474	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
BC	5.	06/1991	EP 0 434 385	EPO	—	—	
BC	6.	12/1996	EP 0 747 368	EPO	—	—	
BC	7.	06/1993	WO 93/12096	WIPO	—	—	
BC	8.	07/1995	WO 95/18808	WIPO	—	—	
BC	9.	10/1992	WO 92/16494	WIPO	—	—	
BC	10.	01/2000	WO 00/02870	WIPO	—	—	
BC	11.	08/2000	WO 00/45814	WIPO	—	—	

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
BC	12.	International Search Report based on International Application No. PCT/CA99/00619
	13.	Arenburg et al., "The Role of CXC Chemokines in the Regulation of Angiogenesis in Non-small Cell Lung Cancer", J. LEUKOCYTE BIOL. 62(5):554-562 (1997)
	14.	Bleul et al., "The Lymphocyte Chemoattractant SDF-1 is a Ligand for LESTR/Fusin and Blocks HIV-1 Entry", NATURE, 382(6594): 829-832 (1996)
BC	15.	Boshoff et al., "Angiogenic and HIV-Inhibitory Functions of KSHV-Encoded Chemokines", SCIENCE, 278(5336):290-294 (1997)
BC	16.	Bridger et al., "Synthesis and Structure-Activity Relationships of Phenylenebis (methylene)-Linked Bis-Tetraazamacrocycles That Inhibit HIV Replication. Effects of Macrocyclic Ring Size and

EXAMINER: Brenda Coleman

DATE CONSIDERED: Sept. 13, 2002

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Substituents on the Aromatic Linker", J. MED. CHEM. 38:366-378 (1995)			
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BC	18.	Carroll et al., "Differential Regulation of HIV-1 Fusion Cofactor Expression by CD28 Costimulation of CD4 <sup>+</sup> T Cells", SCIENCE, 276(5310):273-276 (1997)	
BC	19.	Chemical Abstracts, 113:40649 (1990)	
BC	20.	Chemical Abstracts, 111:190197 (1987)	
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/	23.	Donzella et al., "AMD3100, A Small Molecule Inhibitor of HIV-1 Entry Via the CXCR4 Co-Receptor", NATURE MEDICINE, 4(1):72-77 (1998)	
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BC	26.	Hoxie et al., "CD4-Independent Infection by HIV-2 is Mediated by Fusin/CXCR4", CELL, 87:745-756 (1996)	
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/	28.	Leff, "Besides Aiding AIDS Entry, Receptor Honchos Fetal Growth of Brain, Gut, Blood Systems", BIOWORLD TODAY, 9:111 (1998)	
/	29.	Martin et al., HELV CHEM. CHEM. SOC. 73:149-153 (1990) (copy not enclosed)	
/	30.	Miedema et al., "Changing Virus-Host Interactions in the Course of HIV-1 Infection", IMMUNOLOGICAL REVIEWS, 140:35-72 (1994)	
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34. / Schols et al., "Inhibition of T-Tropic HIV Strains by Selective Antagonization of the Chemokine Receptor CXCR4", J. EXP. MED., 186(8):1383-88 (1997)
35. / Schols et al., "Bycyclams, A Class of Potent Anti-HIV Agents, are Targeted at the HIV Coreceptor Fusin/CXCR-4", ANTIVIRAL RESEARCH, 35:147-156 (1997)
36. / Tachibana et al., "The Chemokine Receptor CXCR4 is Essential for Vascularization of the Gastrointestinal Tract", NATURE, 393:591-94 (1998)
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